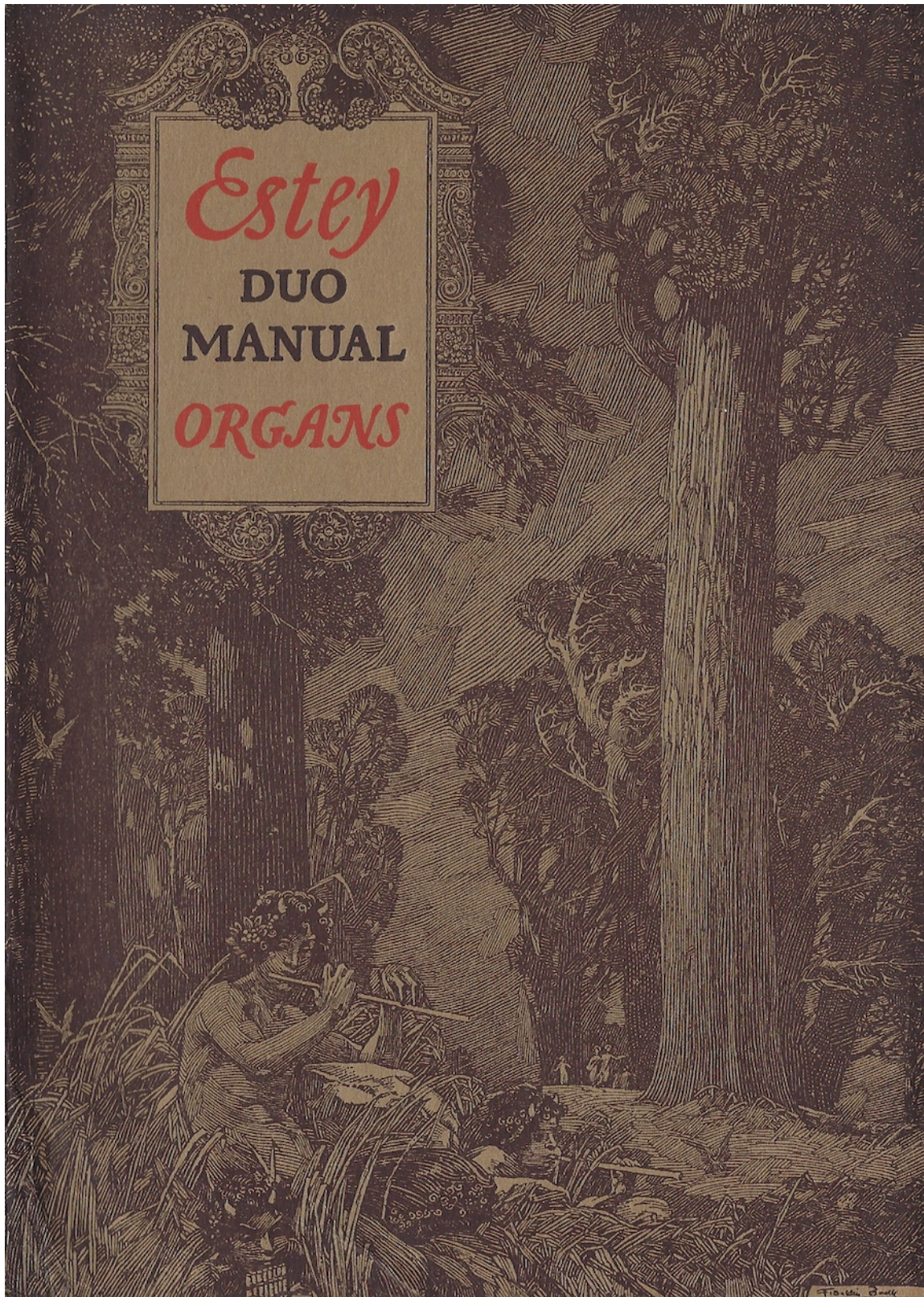


*Estey*  
DUO  
MANUAL  
*ORGANS*



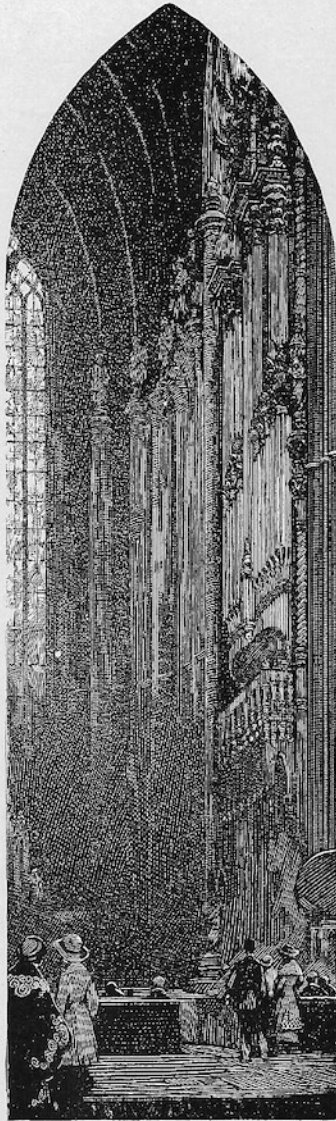




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# ESTEY DUO-MANUAL ORGANS

WITH PEDALS



NEW YORK, BOSTON

PHILADELPHIA, LONDON

ESTEY ORGAN COMPANY

*Established 1846*

BRATTLEBORO, VT.

## *ESTEY DUO-MANUAL ORGANS*

It is a well-known fact that a splendid reed organ is far preferable to a cheap or very small pipe organ. For many years we have made a specialty of building the finest types of these instruments, putting into them the same careful, painstaking workmanship and the same high grade of materials that go into our finest pipe organs.

Hundreds have been installed in churches, lodges and fine residences. The number of Estey Duo-Manual Organs in use probably exceeds all other makes combined.

While containing many sets of reeds, the construction is simple, and every precaution is taken to avoid the necessity for frequent regulation found so often in other two-manual organs. Estey Duo-Manuals require practically no attention beyond occasional lubrication of the bellows shaft cranks.

The swell section is contained in an inverted chest directly above the swell keyboard, and wind is conducted by trunks at both ends of the action. Each swell key, operating its own valve, admits air to the reeds in the swell sets in the same manner that the great keys admit air to the reeds in the great organ. The construction is really two separate organs, eliminating the delicate and complicated levers formerly used.

Above this chest is the pedal section, operated by rods and fingers which pass from the pedal keyboard underneath the bellows and up the back of the case to the pedal reeds.

Any reed in the organ may be easily removed. The same is true of the valves in each section, should dust or some other foreign substance get into the organ and hold a valve open. All Duo-Manual Organs are furnished with a bellows composed of four lifters, or movable sections, operated by a shaft and rotary blowing handle. Where the organ is to be blown by the Orgoblo this handle may be removed. The Orgoblo, an electrically driven fan blower designed especially for Estey Organs, is described on page 14.

There is no place where an organ meets with such lack of care and such exposure to extremes as in the majority of churches.



At the conclusion of the service the windows are closed and the church locked. During the week it remains unventilated, damp with condensation from the breath of many people, unprotected from sudden variations in temperature and humidity. Often a church organ is thought to be out of order when the only treatment needed is fresh air and possibly a little artificial heat.

In proof of this we can cite the case of a two-manual organ in a Maryland church several years ago. It had been exposed to unusual dampness, water standing constantly in the cellar directly under the instrument. We were condemned for faulty material and construction. At our suggestion the organ was returned to the factory. When it reached us, after a trip of about ten days in the hot summer weather, it was found to be in perfect playing condition. The thorough drying out that it got in shipment was all it needed.

We issue a booklet on "Care and Adjustment of Estey Two-Manual Organs and Suggestions as to the Use of Stops" which covers these questions thoroughly. We shall be glad to mail a copy on request.

# A BRIEF DESCRIPTION OF THE STOPS AND THEIR PITCH IN USE IN DUO-MANUAL ESTER ORGANS

## MANUAL STOPS

NAME	PITCH	CHARACTERISTICS	NAME	PITCH	CHARACTERISTICS
Bourdon	16 ft.	Full and round	Melodia	8 ft.	Voiced to give a soft Wood Flute tone. In strength less than Diapason
Clarinet	16 ft.	Resembles the Clarinet	Oboe	8 ft.	Reed tone, closely reproducing the orchestral instrument of same name
Diapason	8 ft.	Foundation set of reeds by which others are tuned. Used more generally than any other stop. Round, full tone	Salicional	8 ft.	Delicate, soft tone, similar to Dulciana, but voiced with more string tone than Dulciana
Dulciana	8 ft.	Voiced soft. Combination of Flute and string tone	Trumpet	8 ft.	Very strong, open tone
Flute	4 ft.	Brilliant, but not reedy. Generally used in combination	Violetta	4 ft.	Similar in character to Flute, but voiced with less strength
Vox Celeste	8 ft.	Closely resembles the tone of an Aeolian Harp. Made with two reeds for each note. Equally satisfactory in playing harmony or used as accompaniment			

## PEDAL STOPS

NAME	PITCH	CHARACTERISTICS	NAME	PITCH	CHARACTERISTICS
Pedal Bourdon	16 ft.	Round, full tone. Sufficient for full organ	Pedal Dulciana	16 ft.	Voiced soft to give just the suggestion of pedal set. Soft enough to use with softest set on either manual

## MECHANICAL STOPS

NAME	USES	NAME	USES
Balanced Swell	Pedal to open all swells or shutters. Will remain at any given point if desirable to release the foot	Swell to Great	Connecting the manuals so that when a key on the great manual is depressed it also depresses the corresponding key of the swell manual
"Grand" or Full Organ	Brings into use all the sets of reeds in the organ without the necessity of drawing a stop	Swell to Pedals Great to Pedals	So connecting the manuals that when the pedal is depressed its corresponding key in the manual is depressed and also responds
Octave Coupler	So constructed that when any key is depressed its octave above or below is also depressed, causing both to sound simultaneously	Tremolo	A revolving fan, placed just back of the reeds, which imparts to the tone a thrilling wave-like effect



## STYLES G and T

### *for Special Locations*

These organs, shown on the following four pages, are especially designed for churches and other large public places and represent the most modern development in the art of reed organ manufacture.

Both Styles G and T are equipped with large scale Philharmonic Reeds, found only in Estey Organs. The registers are not divided as in many single-manual instruments, but each is complete in itself. The pedal registers are full two and one-half octave scale, exactly as in the modern pipe organ.

The pipe tops are purely ornamental and have no musical value. Style T may be supplied with or without top as desired. Style G is always furnished with top, part of this space being used to contain the chest of large pedal reeds. In both styles, however, the height of tops may be reduced to meet space requirements, or increased by the use of additional paneling. We shall be glad to advise on any problem of this sort.

Pedals for foot blowing may be added at an extra cost, but are not recommended. They will operate only two of the four lifters on the bellows, and hence give a limited wind supply. A hand blower lever is furnished, which may be removed if the organ is to be blown by machine.

The Orgoblo, an electrically driven fan blower made expressly for Estey Organs, may be used where the blower can be installed in a basement or adjoining room. The Orgoblo is described on page 14.

### THE ESTEY BLOWING MACHINE

may be installed on the floor beside the organ and is especially desirable for apartments or other places where it is not possible or convenient to cut walls or floors to install wind trunking, etc., as is necessary with fan blowers. It may be used with any Estey organ having a 4 lifter type of bellows with extending bellows shaft. Booklet giving full description mailed on request.

## STYLE T

CODE NAME—Lactescent

WITH PIPE TOP—Lacustrine

Furnished without pipe top unless otherwise ordered, in oak only. The standard finish is Golden Oak, and other shades of oak to order at slightly advanced price. Rotary blow handle supplied, or arranged for electric blowing machine.

ACTION—61-15 stops. 10 sets of reeds

MANUALS—Five octaves, CC to C<sub>4</sub>, 61 notes

PEDALS—Concave radiating, two and one-half octaves, CCC to F, 30 notes

### GREAT MANUAL

Clarinet . . . 16 ft., 61 notes  
Diapason . . . 8 ft., 61 notes  
Dulciana . . . 8 ft., 61 notes  
Trumpet . . . 8 ft., 61 notes

### SWELL MANUAL

Oboe . . . 8 ft., 61 notes  
Salicional . . . 8 ft., 61 notes  
Flute . . . 4 ft., 61 notes  
Vox Celeste (2 ranks) 8 ft., 61 notes

### PEDAL ORGAN

Pedal Bourdon . 16 ft., 30 notes      Pedal Dulciana . 16 ft., 30 notes  
Total 548 reeds

### COUPLERS

Swell to Great  
Octave Coupler (Great)

Great to Pedals  
Swell to Pedals

### PEDAL MOVEMENTS

Full Organ

Balanced Swell

### ACCESSORIES

Tremolo

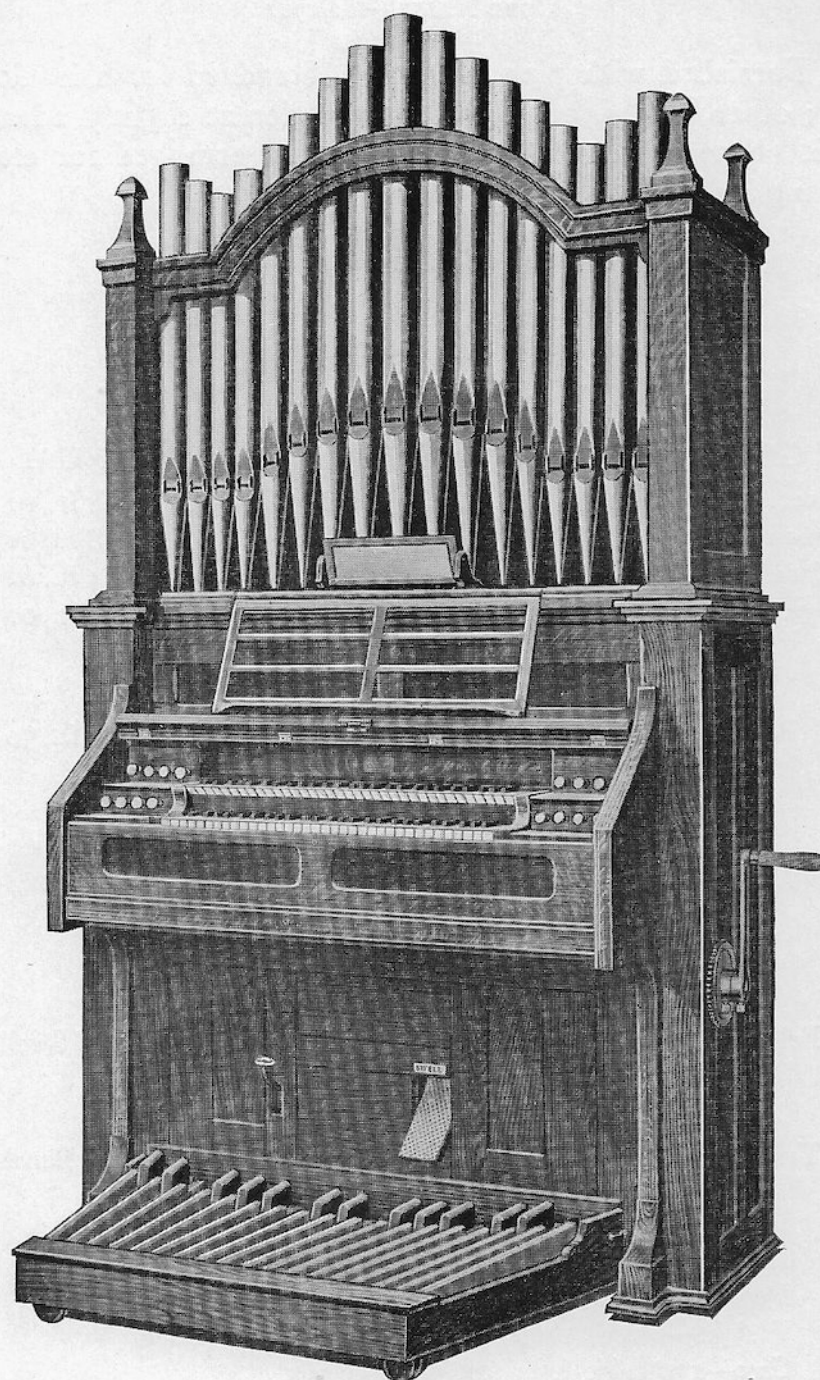
Wind Indicator

Organist's Bench

Length—5 feet 7 inches; with blow handle, 6 feet 2 inches  
Height—5 feet; with pipe top, 9 feet 7 inches  
Depth—2 feet 7 inches; with pedals, 4 feet 2 inches  
Weight—boxed, 940 pounds; pipe top adds 365 pounds  
Case—109 cubic feet. Top, 59 cubic feet



STYLE T



## STYLE G

CODE NAME—Halcyon

Furnished with pipe top only. Standard finish is Golden Oak; other shades, of oak only, to order at slightly advanced price. Rotary blow handle furnished, or arranged for electric blowing machine.

ACTION—61-15 stops. 10 sets of reeds

MANUALS—Five octaves, CC to C<sub>4</sub>, 61 notes

PEDALS—Concave radiating, two and one-half octaves, CCC to F, 30 notes

### GREAT MANUAL

Clarinet . . . 16 ft., 61 notes  
Diapason . . . 8 ft., 61 notes  
Dulciana . . . 8 ft., 61 notes  
Trumpet . . . 8 ft., 61 notes

### SWELL MANUAL

Oboe . . . 8 ft., 61 notes  
Salicional . . . 8 ft., 61 notes  
Flute . . . 4 ft., 61 notes  
Vox Celeste (2 ranks) 8 ft., 61 notes

### PEDAL ORGAN

Pedal Bourdon . 16 ft., 30 notes      Pedal Dulciana . 16 ft., 30 notes  
Total 548 reeds

### COUPLERS

Swell to Great  
Octave Coupler (Great)

Great to Pedals  
Swell to Pedals

### PEDAL MOVEMENTS

Full Organ

Balanced Swell

### ACCESSORIES

Tremolo

Wind Indicator

Organist's Bench

Length—6 feet 8 inches; with blow handle, 7 feet 3 inches

Height—9 feet 10 inches

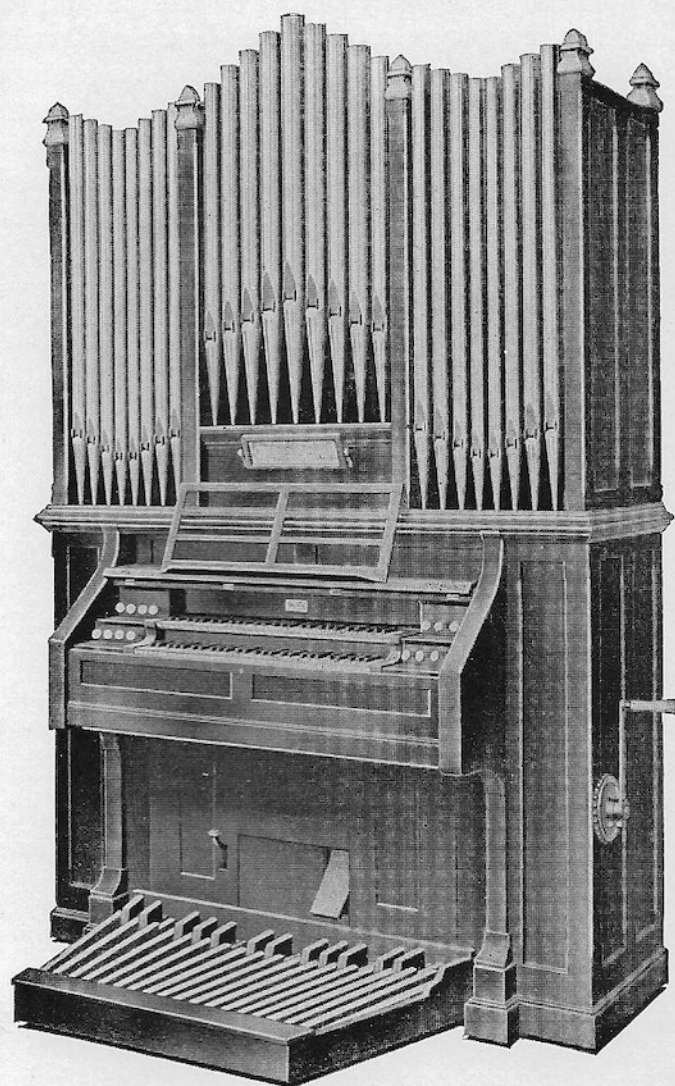
Depth—3 feet; with pedals in position, 4 feet 6 inches

Weight—boxed, 1100 pounds; top adds 530 pounds

Case—130 cubic feet; top, 94 cubic feet



STYLE G



## ESTER DUO-MANUAL STUDENT ORGAN

### STYLE E

CODE NAME—Lipogram

This organ, although designed especially for students' practice, is well adapted to a small chapel or church and many have been installed for this purpose. The reeds are of large scale and the positions of pedals, stops, etc., are the same as in modern pipe organs. All necessary accessories are supplied for the convenience of the player.

The case is finished only in oak. The standard is dark weathered oak, but other shades may be ordered at a slightly advanced price. A rotary blow handle is supplied. Pedals for foot blowing may be added at an extra cost, or the organ may be arranged for electric blowing machine.

ACTION—54-11 stops. 6 sets of reeds.

MANUALS—Five octaves, CC to C<sub>4</sub>, 61 notes.

PEDALS—Concave radiating, two and one-half octaves, CCC to F, 30 notes.

#### GREAT MANUAL

Bourdon . . . 16 ft., 61 notes  
Diapason . . . 8 ft., 61 notes

#### SWELL MANUAL

Dulciana . . . 8 ft., 61 notes  
Flute . . . 4 ft., 61 notes

#### PEDAL ORGAN

Pedal Bourdon . 16 ft., 30 notes      Pedal Dulciana\* . 16 ft., 30 notes

#### COUPLERS

Swell to Great  
Octave Coupler

Swell to Pedals  
Great to Pedals

#### PEDAL MOVEMENTS

Full Organ

Balanced Swell

#### ACCESSORIES

Tremolo

Wind Indicator

Organist's Bench

Length—5 feet 2 inches; with blow handle, 5 feet 9 inches.

Height—4 feet 4 inches.

Depth—2 feet 8 inches; with pedals attached, 4 feet 4 inches.

Weight—boxed, 830 pounds. Case, 84 cubic feet.

\* Not a separate set of reeds, but made by placing a shutter over the Pedal Diapason set.

STYLE E





## NEW ESTEY DUO-MANUAL STUDIO ORGAN

The design of this organ marks a new departure in reed organ consoles. There is neither action nor wind chest under the keyboard. These are built in the body of the instrument back of the keys, as in a pipe organ, thus affording the player free movement of the limbs.

The voicing of the reeds is of the same fine quality as in all Estey Organs. The arrangement of stops given in the specification which follows we consider an ideal one, giving the greatest possible variety in solo stops as well as in stops that may be used for accompaniment. However, sets of different character or pitch can be substituted or the proportionate strength of the sets altered to please the individual taste.

The couplers, being mechanical, cannot be increased without adding weight to the touch and this is therefore not advised. Ample wind supply is provided by large size bellows, with four lifters and blow handle, and the organ may also be equipped with an electric blowing machine.

Stock finishes are mahogany or dark weathered oak. Other oak finishes may be furnished on order.

ACTION—15 stops. 10 sets of reeds

MANUALS—Five octaves, CC to C<sub>4</sub>, 61 notes

PEDALS—Concave radiating, two and one-half octaves, CCC to F, 30 notes

### GREAT MANUAL

Diapason . . . 8 ft., 61 notes  
Dulciana . . . 8 ft., 61 notes  
Clarinet . . . 16 ft., 61 notes  
Violetta . . . 4 ft., 61 notes

### SWELL MANUAL

Salicional . . . 8 ft., 61 notes  
Melodia . . . 8 ft., 61 notes  
Oboe . . . 8 ft., 61 notes  
Vox Celeste (2 ranks) 8 ft., 61 notes

### PEDAL ORGAN

Pedal Bourdon . 16 ft., 30 notes      Pedal Dulciana . 16 ft., 30 notes  
Total 548 reeds

### COUPLERS

Swell to Great  
Swell to Pedal

Great to Great (4 ft.)  
Great to Pedal

### ACCESSORIES

Grand or Full Organ  
Balanced Swell Pedal

Balanced Great Pedal  
Tremolo

Wind Indicator  
Organist's Bench

Length—5 feet 9 inches. Height—5 feet 5 inches  
Depth—3 feet 2½ inches; with pedals, 4 feet 6 inches  
Weight—boxed, 1100 pounds. Case—143 cubic feet

## STUDIO ORGAN



## THE ORGOBLO

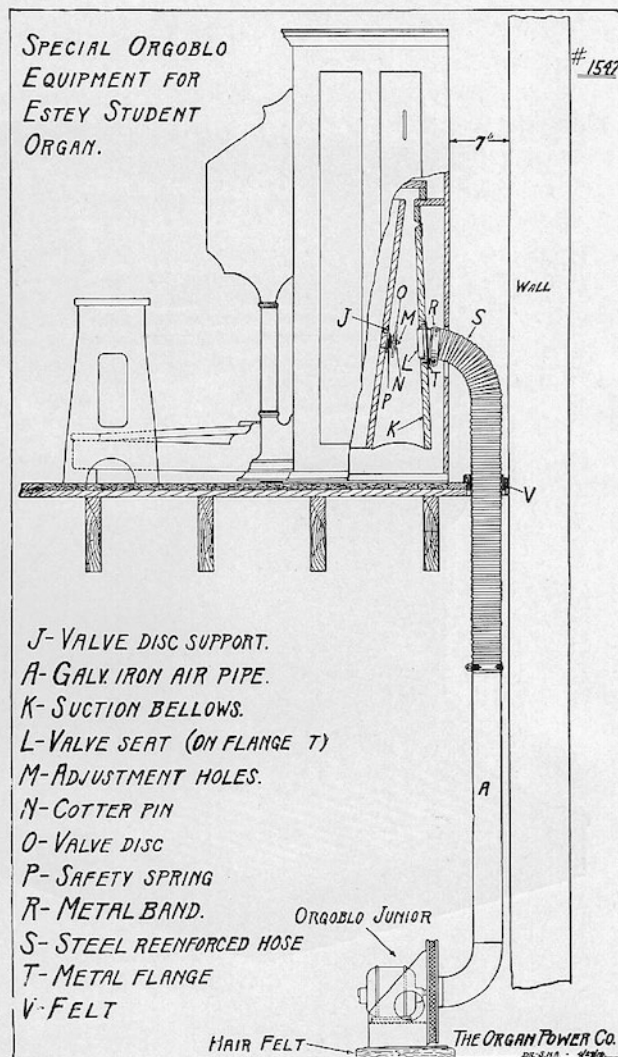
*An Electrically Driven Fan Blower made Expressly for  
Estey Organs*

The Orgoblo provides a constant and ample wind supply wherever electric power is available, and does away with the tedious and inconvenient process of pumping by hand.

It is easy to install and requires no special wiring. It should be placed in the basement or some adjoining room, where the vibration of the fan will not be audible. A four-inch wind supply pipe connects with the organ through an opening made in floor or partition, care being also taken to see that the pipe itself does not come in contact with the latter.

A valve in the organ bellows automatically regulates the wind supply, so that no regulating chain from bellows to blower is required. The motor, which may be either alternating or direct according to the type of current furnished, is built into the machine and cannot be supplied separately. In case of failure of electric power an automatic damper allows pumping by hand.

A special booklet describing the Orgoblo in detail will be mailed on request.







STUDIO MODEL IN A CHICAGO RESIDENCE





